

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## 421089 GASODOR® S-FREE

Version 20

Revision Date 05.02.2019

Print Date 05.02.2019

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Commercial Product Name : GASODOR® S-FREE

Material number : 421089

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture : Fragrance mix

#### 1.3 Details of the supplier of the safety data sheet

Company : Symrise AG  
Muehlenfeldstrasse 1  
D-37603 Holzminden

Telephone : +495531900

Telefax : +495531901649

E-mail address : sds@symrise.com

For further information, please contact:  
Symrise AG - Tel.: +49 / (0)5531 / 90-0

#### 1.4 Emergency telephone number

Emergency CONTACT (24-Hour-Number)  
GBK/Infotrac ID 101844: +49(6132)9829021

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 2	H225
Acute toxicity, Category 4, Oral	H302
Acute toxicity, Category 3, Inhalation	H331
Acute toxicity, Category 4, Dermal	H312
Skin irritation, Category 2	H315
Eye irritation, Category 2	H319
Skin sensitisation, Category 1	H317
Specific target organ toxicity - single exposure, Category 3	H335
Chronic aquatic toxicity, Category 3	H412

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



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Signal word : Danger

Hazard statements : H225 Highly flammable liquid and vapour.  
H302 + H312 Harmful if swallowed or in contact with skin.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H331 Toxic if inhaled.  
H335 May cause respiratory irritation.  
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
**Response:**  
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304 + P340 + P311 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Contains : ETHYL ACRYLATE, 2-Propenoic acid methylester.

### 2.3 Other hazards

No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Chemical characterization : Preparation

### 3.2 Mixtures

#### Hazardous components

Chemical name	CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]

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Ethyl acrylate	140-88-5 205-438-8 01-2119459301-46 01-2119459301-46 01-2119459301-46	Flam. Liq.: 2; H225 Acute Tox.: 4 (Oral); H302 Acute Tox.: 4 (Dermal); H312 Skin Irrit.: 2; H315 Eye Irrit.: 2; H319 STOT SE: 3 (Inhalation); H335 Acute Tox.: 3 (Inhalation); H331 Skin Sens.: 1B; H317 Aquatic Chronic: 3; H412	>= 50 - <= 100
Methyl acrylate	96-33-3 202-500-6 01-2119459302-44	Flam. Liq.: 2; H225 Acute Tox.: 4 (Oral); H302 Acute Tox.: 4 (Dermal); H312 Skin Irrit.: 2; H315 Eye Irrit.: 2; H319 STOT SE: 3 (Inhalation); H335 Acute Tox.: 3 (Inhalation); H331 Skin Sens.: 1B; H317 Aquatic Chronic: 3; H412	>= 25 - < 50
2-Ethyl-3-methylpyrazine	15707-23-0 239-799-8	Skin Corr.: 1; H314 Acute Tox.: 4 (Oral); H302 Eye Dam.: 1; H318	>= 1 - < 5

For the full text of the H-Statements mentioned in this Section, see Section 16.

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**

- General advice : Move out of dangerous area.  
Never give anything by mouth to an unconscious person.
- Inhalation : Consult a physician.  
Move to fresh air.
- Skin contact : Take off all contaminated clothing immediately.  
If symptoms persist, call a physician.  
Wash off immediately with soap and plenty of water.
- Eye contact : Protect unharmed eye.  
Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.
- Ingestion : Clean mouth with water and drink afterwards plenty of water.  
Prevent vomiting if possible.  
If a person vomits when lying on his back, place him in the recovery position.  
Never give anything by mouth to an unconscious person.  
If accidentally swallowed obtain immediate medical attention.

**4.2 Most important symptoms and effects, both acute and delayed**

No data available

**4.3 Indication of any immediate medical attention and special treatment needed**

No data available

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**SECTION 5: FIREFIGHTING MEASURES**

**5.1 Extinguishing media**

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Extinguishing media which shall not be used for safety reasons : High volume water jet

**5.2 Special hazards arising from the substance or mixture**

Specific hazards during firefighting : Flash back possible over considerable distance.  
Do not use a solid water stream as it may scatter and spread fire.

**5.3 Advice for firefighters**

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : In the event of fire and/or explosion do not breathe fumes.  
Use water spray to cool unopened containers.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions : Ensure adequate ventilation.  
Use personal protective equipment.  
Keep people away from and upwind of spill/leak.  
Remove all sources of ignition.  
Wear respiratory protection.

**6.2 Environmental precautions**

Environmental precautions : Prevent product from entering drains.  
Avoid subsoil penetration.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

**6.3 Methods and materials for containment and cleaning up**

Methods for cleaning up : Dam up.  
Wipe up with absorbent material (e.g. cloth, fleece).

Additional advice : Local authorities should be advised if significant spillages cannot be contained.  
Suppress (knock down) gases/vapours/mists with a water spray jet.

**6.4 Reference to other sections**

For personal protection see section 8.

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### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

- Advice on safe handling : Provide sufficient air exchange and/or exhaust in work rooms.  
Wear personal protective equipment.  
In case of insufficient ventilation, wear suitable respiratory equipment.  
Do not smoke.  
Take precautionary measures against static discharges.  
Avoid contact with skin and eyes.  
Avoid exceeding the given occupational exposure limits (see section 8).  
For personal protection see section 8.
- Advice on protection against fire and explosion : Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).  
Use explosion-proof equipment.  
Avoid formation of aerosol.  
Do not spray on a naked flame or any incandescent material.  
When using do not smoke.  
Do not empty into drains.  
Keep away from open flames, hot surfaces and sources of ignition.
- Temperature class : T2

#### 7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Store in original container.  
Store in cool place.  
Keep container tightly closed.  
To maintain product quality, do not store in heat or direct sunlight.  
No smoking.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage conditions : Storage must be in accordance with the BetrSichV (Germany).
- Advice on common storage : No special restrictions on storage with other products.
- Other data : No decomposition if stored and applied as directed.

#### 7.3 Specific end use(s)

Fragrance mix

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters****Components with workplace control parameters, Germany:**

Components	CAS-No.	Control parameters	Update	Basis
Ethyl acrylate	140-88-5	AGW 2 ppm	11 2016	TRGS 900
		TWA 5 ppm	12 2009	EU ELV(DE)
		STEL 10 ppm	12 2009	EU ELV(DE)
Methyl acrylate	96-33-3	AGW 5 ppm	09 2012	TRGS 900
		TWA 5 ppm	12 2009	EU ELV(DE)
		STEL 10 ppm	12 2009	EU ELV(DE)

**Components with workplace control parameters, United Kingdom:**

Components	CAS-No.	Control parameters	Update	Basis
Ethyl acrylate	140-88-5	TWA 5 ppm	12 2009	EU ELV(GB)
		STEL 10 ppm	12 2009	EU ELV(GB)
		STEL 15 ppm	12 2011	EH40 WEL
		TWA 5 ppm	12 2011	EH40 WEL
Methyl acrylate	96-33-3	TWA 5 ppm	12 2009	EU ELV(GB)
		STEL 10 ppm	12 2009	EU ELV(GB)
		TWA 5 ppm	12 2011	EH40 WEL
		STEL 10 ppm	12 2011	EH40 WEL

**Components with workplace control parameters, Spain:**

Components	CAS-No.	Control parameters	Update	Basis
Ethyl acrylate	140-88-5	VLA-ED 5 ppm	2012	VLA (ES)
		VLA-EC 10 ppm	2012	VLA (ES)
		TWA 5 ppm	12 2009	EU ELV(ES)
		STEL 10 ppm	12 2009	EU ELV(ES)
Methyl acrylate	96-33-3	VLA-ED 2 ppm	2012	VLA (ES)
		TWA 5 ppm	12 2009	EU ELV(ES)
		STEL 10 ppm	12 2009	EU ELV(ES)

**Components with workplace control parameters, France:**

Components	CAS-No.	Control parameters	Update	Basis
Ethyl acrylate	140-88-5	VLE 10 ppm	07 2012	INRS (FR)
		VME 5 ppm	07 2012	INRS (FR)
		TWA 5 ppm	12 2009	EU ELV(FR)
		STEL 10 ppm	12 2009	EU ELV(FR)
Methyl acrylate	96-33-3	VLE 10 ppm	07 2012	INRS (FR)
		VME 5 ppm	07 2012	INRS (FR)
		TWA 5 ppm	12 2009	EU ELV(FR)
		STEL 10 ppm	12 2009	EU ELV(FR)

**Components with workplace control parameters, Austria:**

Components	CAS-No.	Control parameters	Update	Basis
Ethyl acrylate	140-88-5	TWA 5 ppm	12 2009	EU ELV(AT)
		STEL 10 ppm	12 2009	EU ELV(AT)
Methyl acrylate	96-33-3	TWA 5 ppm	12 2009	EU ELV(AT)
		STEL 10 ppm	12 2009	EU ELV(AT)

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### Components with workplace control parameters, Poland:

Components	CAS-No.	Control parameters	Update	Basis
Ethyl acrylate	140-88-5	NDS 20 mg/m <sup>3</sup>	12 2011	POL MAC
		NDSch 40 mg/m <sup>3</sup>	12 2011	POL MAC
		TWA 5 ppm	12 2009	EU ELV(PL)
		STEL 10 ppm	12 2009	EU ELV(PL)
Methyl acrylate	96-33-3	TWA 5 ppm	12 2009	EU ELV(PL)
		STEL 10 ppm	12 2009	EU ELV(PL)

### 8.2 Exposure controls

#### Engineering measures

none

#### Personal protective equipment

- Respiratory protection : In the case of vapour formation use a respirator with filter model A2P2.  
In the case of vapour formation use a respirator with filter model ABEK.
- Hand protection : Barrier creams may help to protect the exposed areas of skin, they should however not be applied once exposure has occurred.  
Wear chemicals-resistant gloves, e.g. safety gloves of chloroprene Level 2 or of butyl rubber Level 6.
- Eye protection : Safety glasses
- Skin and body protection : Lightweight protective clothing  
Remove and wash contaminated clothing before re-use.
- Hygiene measures : Avoid contact with skin, eyes and clothing.  
Wash hands before breaks and immediately after handling the product.
- Protective measures : Avoid contact with skin.  
When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

#### Appearance

- Form : clear liquid
- Colour : colorless to pale red-pale brown
- Odour : characteristic  
Do not attempt to smell the product as it is hazardous.
- Odour Threshold : No data available

#### Safety data

- Flash point : 5 °C
- Water solubility : immiscible

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Relative density	:	0,9300 - 0,9400 at 20 °C relation to density of water at 4°C
Bulk density	:	
Relative vapour density	:	not determined
Vapour pressure	:	83 mbar at 25 °C
Melting point/freezing point	:	not determined
Boiling point	:	80 °C at 1.013,0 mbar
Partition coefficient: n-octanol/water	:	log Pow: Not applicable
pH	:	Not applicable
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	Not applicable
Ignition temperature	:	395 °C
Auto-ignition temperature	:	The substance or mixture is not classified as self heating.
Decomposition temperature	:	No data available
Oxidizing properties	:	The substance or mixture is not classified as oxidizing.
Explosive properties	:	Due to its structural properties, the product is not classified as explosive
Lower explosion limit	:	Vapours may form explosive mixtures with air.
Upper explosion limit	:	23 %(V) at 120 °C

A final assessment of potential explosion hazards can only be made on a case-by-case basis when precise information is available on product handling, production setup and the circumstances surrounding the use of the product.

### 9.2 Other data

None.

## SECTION 10: STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	:	No data available
<b>10.2 Chemical stability</b>	:	No data available
<b>10.3 Possibility of hazardous reactions</b>	:	Vapours may form explosive mixture with air.
<b>10.4 Conditions to avoid</b>	:	No data available
<b>10.5 Incompatible materials to avoid</b>	:	No data available
<b>10.6 Hazardous decomposition products</b>	:	No data available



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**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

Acute oral toxicity	:	Acute toxicity estimate : 938,87 mg/kg, Calculation method
Acute inhalation toxicity	:	Acute toxicity estimate : 5,25 mg/l , 4 h, Calculation method
Acute dermal toxicity	:	Acute toxicity estimate : 1.181 mg/kg, Calculation method
Repeated dose toxicity	:	No data available
Acute toxicity (other routes of administration)	:	No data available
Skin irritation	:	No data available
Eye irritation	:	No data available
Sensitisation	:	No data available
Mutagenicity	:	No data available
Carcinogenicity	:	No data available
Reproductive toxicity	:	No data available
Teratogenicity	:	No data available
Specific target organ toxicity - single exposure	:	No data available
Specific target organ toxicity - repeated exposure	:	No data available
Aspiration toxicity	:	No data available

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 Toxicity**

No data available

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**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Other adverse effects**

Harmful to aquatic life with long lasting effects.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

Product : Where possible recycling is preferred to disposal or incineration.  
If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.

**SECTION 14: TRANSPORT INFORMATION**

**14.1 UN number**

ADR : 1266  
RID : 1266  
IMDG : 1266  
IATA-DGR : 1266

**14.2 Proper shipping name**

ADR : PERFUMERY PRODUCTS  
RID : PERFUMERY PRODUCTS  
IMDG : PERFUMERY PRODUCTS  
IATA-DGR : Perfumery products

**14.3 Transport hazard class**

ADR : 3  
RID : 3  
IMDG : 3  
IATA-DGR : 3

**14.4 Packing group**

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### ADR:

Packaging group : II  
Classification Code : F1  
Hazard Identification Number : 33  
Labels : 3  
Tunnel restriction code : (D/E)

### RID:

Packaging group : II  
Classification Code : F1  
Hazard Identification Number : 33  
Labels : 3

### IMDG:

Packaging group : II  
Labels : 3  
EmS - EmS : F-E, S-D

### IATA-DGR:

Packing instruction (cargo aircraft) : 364  
Qty/Pkg (Cargo) : 60,00 L  
Packing instruction (passenger aircraft) : 353  
Qty/Pkg (Passenger) : 5,00 L  
Packaging group : II  
Labels : 3

### 14.5 Environmental hazards

Not classified as dangerous in the meaning of transport regulations.

### 14.6 Special precautions for user

No data available

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### National legislation

Risk classification according to BetrSichV (Germany) : Flash point less than 21 °C, at 15 °C not miscible in water

Water contaminating class (Germany) : WGK 2 (water endangering)  
Calculation acc. Annex 4 to VwVwS

TA Luft List (Germany) : Type: Organic Substances  
portion Class 1: 97,48 %

### 15.2 Chemical safety assessment

No data available

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### SECTION 16: OTHER INFORMATION

#### Full text of H-Statements referred to under sections 2 and 3.:

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H302 + H312	Harmful if swallowed or in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.

#### Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Any data changes with reference to previous versions are marked by a vertical line in front of the concerned paragraph.